

TITLE 327 WATER POLLUTION CONTROL DIVISION

Rule Information Sheet

Satellite Manure Storage Structures LSA Document #13-245

Overview

Indiana has regulated manure storage structures at large animal feeding operations since 1971. Under the confined feeding operation or CFO program, manure storage structures are required to meet certain standards regarding construction, operation and maintenance to minimize leaks and seepage, and prevent releases or spills of manure. A satellite manure storage structure, or SMSS, is defined by Indiana statute as a building, lagoon, pad, pit, pond, or tank that is not located at a livestock or poultry production area, otherwise known as a CFO, and is designed to store at least one million (1,000,000) gallons of manure or five thousand (5,000) cubic yards of manure. SMSSs must be structurally sound and watertight to contain the large volume of manure to be stored. Improperly designed, constructed or maintained structures can pose a threat to water quality and human health through spills or excessive seepage of manure that can enter underlying aquifers or surface water and contaminate drinking water supplies or destroy aquatic life. Assuring that a SMSS is properly designed, constructed and maintained will reduce the potential of any harm to human health via impaired water quality. This rulemaking proposes to add rules concerning SMSSs at 327 IAC 20. In order to ensure protection of human health and the environment, 327 IAC 20 will establish standards for the design, construction, operation, and maintenance of an SMSS. These standards are largely based upon current standards for similar manure storage structures at CFOs and current national engineering standards.

Affected Persons

Any person or entity who plans to build or expand a SMSS that is designed to store at least one million (1,000,000) gallons of manure or five thousand (5,000) cubic yards of manure.

Reasons for the Rule

Indiana Code (IC) 13-18-10.5 requires that a person receive approval from the Indiana Department of Environment Management (IDEM) prior to construction or expansion of an SMSS.

Economic Impact of the Rule

There is a low economic impact from this rulemaking. To the best of IDEM's knowledge there are two (2) SMSSs in the state of Indiana. Additionally, this rule does not impose any standards or requirements beyond those generally accepted as prudent engineering practices and those currently in effect for similar structures at CFOs.

Scheduled Hearings

First Public Hearing: September 10, 2014, at 1:30 p.m., at the Indiana Government Center South, 302 West Washington Street, Conference Center Room A, Indianapolis, Indiana.

IDEM Contact

Additional information regarding this rulemaking action can be obtained from Lauren Aguilar, Rules Development Branch, Office of Legal Counsel, (317) 234-8559, (800) 451-6027 (in Indiana), or laguilar@idem.in.gov.